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SUBSTITUTE DECLARATION

LCM-608-475 10061 Nixon & Vanderhye P.C. (10/99) (Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63) INVENTORS DECLARATION FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention emitted:

DRILLING METHOD

the specification of which (check applicable box(es)): a stational hereion January 24, 2006 as U.S. Application Serial No. 10/566,525 (Atty. Did: No. 608-475). was filed on January 24, 2006 January 24, 2006 as U.S. Application Serial No. 10/566,525 (Atty. Did: No. 608-475). was filed de PCT intomational application No. PCT/GB2004/003154 on 19 July 2004 I hereby state that I have reviewed and understand the contents of the above identified specification, inclusing the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patort Ciffee all information known to me to be material to patientability as amendment referred to above. I acknowledge the duty to disclose to the Patort Ciffee all information known to me to be material to patientability as amendment referred to above. I acknowledge in priority breath and the patient of inventor's certification and the patient of inventor's certification and have also identified below any foreign application for patient or inventor's certification application for patient or inventor's certification and have also identified below any foreign application for patient or inventor's certification application Number application for patient or inventor's certification application Number application Number (2014). I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(a) listed below. DayMonth/Year Filed I hereby dealm the benefit under 35 U.S.C. 120/385 of all prior United States provisional applications listed above or below. Portra U.S.P.CT Application(b): Application Serial No. Portra Booded-Contraction No. Portra B				OFFICIACION INC. IT IOD			
is attached hereby was filed on January 24, 2006 as U.S. Application Serial No. 10/565,825 (Atty, Did. No. 608-475). Was filed on January 24, 2006 per Communication application on the patients of the patien	the specifi	cation of which (check	applicable box(es)):				•
Was filed an Darusry 24, 2005 as U.S. Application No. PCT/GB2004/003154 on 19 July 2004	[] is	attached hereto		II O Analization Do	dol No. 10/565 60	25	(Attv. Dist. No. 608-475) .
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by arry amendment referred to above. I acknowledge the duty to disclose to the Patent Office all Information including the claims, as amended by arry amendment referred to above. I acknowledge the duty to disclose to the Patent Office all Information known to the material to gatentability as defined in 17 C. F.R. 1.55. I hereby claim the precipit privately benefits under 35 U.S.C. 11956s of any foreign application for patent or inventor's certificate having a filing date before that of the application which privately is claimed, if no privately is claimed, before the filing date of this application: Priority Foreign Application Number Application Number Country Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(e) listed below. Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Prior U.S. PCT Application(s): Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Day/Month/Year Filed Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year F							,,
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to declose to the Patent Office all Information known to me to be material to gatentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 1147855 of any foreign application (s) for patent or inventor's certificate having a filing date before that of the application which priority is claimed, before the filing date of this application: Priority Foreign Application Number Country Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Application Number By Month/Year Filed I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Day/Month/Year Filed Application Number By Month/Year Filed I hereby dealer that all statements and the herein of my own knowledge are true and that all statements made on information and bellef are believed be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or implication or any patent issued thereon. And on behalf of the owner(s) hereof, thereby appoint Nixon & Vanderhye C.C., biephone number 703-18 implication or any patent issued thereon. And on behalf of the owner(s) hereof, thereby appoint Nixon & Vanderhye or persecute the splication and to transact all business in the Patent and Trademark Office connected therewith and will resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys for Customer Number 73-17 (light) under Section 1001 of Title 18 of the United States Code and that such willful false statements may loparatize the validity of resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys for hereof, hereby appoint Nixon & Vanderhye on behalf of the owner(s). Resid	ři wa	as filed as PCT Internat	ional application No.		. 011	10 doily Edg /	
amendment referred to above. I acknowledge the authy of discrete a drift of any foreign application (s) for patent or inventors certification and have also identified below any foreign application for patent or inventor's certificate having a filling date before that of the application which priority is claimed or, in or priority is claimed, before the filling date of this application: Priority Foreign Application(s): Application Number I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(e) listed below. Day/Month/Year Filed Application Number Application Number Application Number Busy/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(e) listed below. Day/Month/Year Filed I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT international applications listed above or below. Prior U.S./PCT Application(s): Application Serial No. Posy/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Status: patented pending, abandoned PCT/ABS2004/003184 Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Status: patented pending, abandoned PCT/ABS2004/003184 Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Day/Month/Year Filed Status: patented pending, abandoned PCT/ABS2004/003184 Day/Month/Year Filed Day/Mont							
Application Number 60/489,917 I hereby ctaim the benefit under 35 U.S.C. 120/385 of all prior United States and PCT international applications listed above or below. Prior U.S./PCT Application(9): Application Serial No. PCT/3B2004/03154 I hereby declare that all latetements made herein of my own knowledge are true and that all statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vandenthye P.C., telephone number 703-87 4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owner/allowers attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with original patent. I also authorize Nixon & Vandenthye to add or delete attorneys from that Customer Number, and to act and rety solely on instruction directly communicatied from the person, assignee, attorney, film, or other organization sending instructions to Nixon & Vandenthye on behalf of the owner(s). Inventor's Signature: Inventor's Signature:	amendme defined in listed bek which price	int referred to above. I i 37 C.F.R. 1.58. I herelow and have also identification in a prity is claimed or, if no poreign Application(s):	ecknowledge the duty to by claim foreign priority is led below any foreign ap priority is claimed, before	oceanos as the rates on the patent on the policetion for patent or invented the filing date of this application.	9/365 of any foreign a tor's certificate having	antication(e) for	patent or inventor's certificate fore that of the application on
Application Number 60/489,917 I hereby claim the benefit under 35 U.S.C. 120/385 of all prior United States and PCT international applications listed above or below. Prior U.S./PCT Application(9): Application Serial No. PCT/GB2004/03154 Day/Month/Year Filed Pending, abandoned PCT/GB2004/03154 Day/Month/Year Filed Pending, abandoned PCT/GB2004/03154 I hereby declars that all statements made herein of my own knowledge are true and that all statements made on information and bellef are believed be true; and further that these statements were made with the knowledge that willful false statements made on information and bellef are believed be true; and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of application or any patent issued thereon. And on behalf of the owner(s) hereof, I bereby appoint Nixon & Vandenthye P.C., telephone number 703-87 4000 (to whorn all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owners/owners attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with organization and the attorneys from that Customer Number, and to act and rety solely on instruction directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderthye on behalf of the owner(e). Inventor's Signature:		adalana manana atau atau atau atau atau atau atau					
Prior U.S./PCT Application(s): Application Serial No. PCT/ABBZ004/003154 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or implisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of application or any patient issued thereon. And on behalf of the owner(s) hereof, thereby appoint Nixon & Vanderhye P.C., telephone number 703-8 4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith and with owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith and with owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith and with owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith and with any owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith and with any owner/sowners' attorneys to prosecute this application and to transact all business in the Patient and Trademark Office connected therewith any owner/sowners' attorneys to provide the declaration of the owner(s). Inventor's Signature:		Application Numb 60/489,917	er	14 September 200)4		re or below:
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or application or any patent issued thereon. And on behalf of the United States Code and that such willful false statements may jeopardize the validity of application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-8 4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23 117, individually and collectively owner/showners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instruction directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s). Inventor's Signature: Mark William Alberty Date: FEB 200							
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-8 application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-8 application or any patent issued thereon. And on behalf of the owner/s/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owner/s/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the owners' and the attorneys of the Customer Number, and to act and rely solely on instruction resulting patent. I also authorize Nixon & Vanderhye on behalf of the Owner(s). Inventor's Signature: Mark				Dou/Month/Year E	Profile th Wood Eilad		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of application or any patient issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-8 4000 (to whom all communications are to be directed) and the attorneys of: Customer Number 23117, individually and collectively owners/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instruction directly communicated from the person, essignee, attorney, film, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s). Inventor's Signature: Mark William Alberty Date: 5 FSB 200 8	Applicati	ion Serial No.	P.A	10. Wh 2004	icu		/
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Zip Code) 77082 2. Inventor's Signature: Mark Shelton Aston Shritch (direct) Mil (last) (citizenship) Residence: (city) Mildlesex (state/country) United Kingdom Mailing Address: 35 Fairfax Road, Teddington, Middlesex, United Kingdom	be true; a imprison application 4000 (to owners/s/c resulting directly c owner(e)	and further that these st ment, or both, under Set on or any patent issued: whom all communication owners' attorneys to pro- patent. I also authorize ommunicated from the inventor's Signature: Inventor: Residence: (city)	atements were made with cifen 1001 of Title 16 of the record. And on behalf me are to be directed) are secure this application at Nixon & Vanderhye to a person, assignee, attominant of the cifers. Mark (first)	n the knowledge that which the United States Code and of the owner(s) hereof, I he ad the attorneys of: CUSI and to transact all business is add or detete attorneys from ey, firm, or other organization. William	that such wilful false reby appoint Nixon & tomer Number in the Patent and Trad that Customer Number on sending instruction: Albedy (last)	statements may Vanderhye P.C. er 23117, i lemark Office coler, and to act ar a to Nixon & Van Date:	/ jeopardize the validity of the telephone number 703-816- ndividually and collectively meeted therewith and with the drefty solely on instructions anderhye on behalf of the United States
2. Inventor's Signature: Mark Shelton Aston British (citizenship) Residence: (city) Milddlesex (Intext) Mildelesex (Intext) United Kingdom 35 Fairfax Road, Teddington, Middlesex, United Kingdom				warmittenami towns			
2. Inventor's Signature: Inventor: Inventor: Mark Shelton Aston Grizenship) Residence: (city) Mailing Address: Mark Shelton Aston Grizenship) Mailing Address: Mark Shelton Mark Shelton Mailing Address: Mark Shelton Mark Shelton Mark Mark Shelton Mark Mark Mark Mark Mark Mark Mark Mark		(Eib Code)					14 Fob 2 2 2 8
Inventor: Mark Sherron Aston (last) (crizenship) Residence: (city) Middlesex (state/country) United Kingdom Mailing Address: 35 Fairfax Road, Teddington, Middlesex, United Kingdom	2.	Inventor's Signature:				Date: _	
Residence: (city) Middlesex (state/country) United Kingdom Mailing Address: 35 Fatriax Road, Teddington, Middlesex, United Kingdom		Inventor.					
Mailing Address: 35 Fairfax Road, Teddington, Middlesex, United Kingdom		Posidence: (cliv)	Middlesex		(state/country) U	nited Kingdom	
			35 Fairfax Fload, Te	ddington, Middlesex, United	Kingdom		
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[X] See attached sheet(s) for additional inventor(s) information!!

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Nixon & Vanderhye P.C. (10/99) 608-475 (Domestic Non-Assigned/Foreign) Serial No. 10/565,625 Page 2 Date: Inventor's Signature: 3. British Mclean Michael Richard Inventor: (citizenship) MI (last) (first) United Kingdom (state/country) Middlesex Residence: (city) 8 Riverfield Road, Staines, Middlesex, United Kingdom
TW18 255 Mailing Address: (Zip Code) Date: 4. Inventor's Signature: Inventor: (citizenship) (last) MI (first) (state/country) Residence: (city) Mailing Address: (Zip Code) Date: Inventor's Signature: 5. Inventor: (cittzenship) (last) MI (first) Residence: (city) (state/country) Mailing Address: (Zip Code) Date: 8. inventor's Signature: Inventor: (citizenship) ML (la<u>st)</u> (first) Residence: (city) (state/country) Mailing Address: (Zlp Code)

FOR ADDITIONAL INVENTORS, check box [] and attach sheet with same information and signature and date for each.